



REMCOR, Inc. • 701 Alpha Drive • P.O. Box 38310 • Pittsburgh, PA 15238-8310 • 412-963-1106

March 29, 1989

Project No. 88548.3

Ms. Patricia Tan 3HW17
Regional Project Manager
U.S. Environmental Protection Agency
Region III
841 Chestnut Street
Philadelphia, PA 19107

Transmittal
Borough of Bally Air Stripper
Operating Permit
Bally, Pennsylvania

Dear Ms. Tan:

Pursuant to your request, Remcor, Inc. (Remcor) is forwarding a copy of the temporary air operating permit (06-33-001A) for the Bally air stripping system at well No. 3, issued by the Pennsylvania Department of Environmental Resources (PADER), Bureau of Air Quality (Attachment 1). Also included is a copy of the National Pollution Discharge Elimination System (NPDES) permit (No. PA0055123) (Attachment 2) for discharge of the air stripper effluent to the adjacent stream. The NPDES permit was issued by the PADER, Bureau of Water Quality.

If you have any comments or questions please do not hesitate to contact me.

Respectfully submitted,

Dean R. Parson
Senior Project Engineer

DRP:mah
Enclosures

cc: D.T. Marsh (transmittal only)
S.M. Wilner (transmittal only)
J.A. George (transmittal only)

301075

ATTACHMENT 1

201076

AR301076

"REALISTIC SOLUTIONS FOR HAZARDOUS WASTE PROBLEMS"





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
1875 New Hope Street
Norristown, PA 19401
215 270-1920

February 13, 1989

Borough of Bally
P.O. Box 187
Bally, PA 19503

Attention: Mr. Robert Moll
Municipal Authority Chairman

Gentlemen:

Attached is a Department plan approval to construct, modify, reactivate or install an air cleaning device on an air contamination source.

A regular Department operating permit will subsequently be issued IF (1) the special conditions incorporated within the plan approval have all been fulfilled; (2) it has been demonstrated to the Department's satisfaction that the construction, modification, reactivation or installation was carried out as proposed in the application, and that the operation of the source(s) and any associated air pollution control equipment conforms with the operational information stated on the application, and (3) it has been demonstrated to the Department's satisfaction that the air contaminant emissions from the source(s) are in compliance with the requirements specified in, or established pursuant to, all applicable rules and regulations contained in Article III of the Rules and Regulations of the Department of Environmental Resources.

This action of the Department may be appealable to the Environmental Hearing Board, 101 South Second Street, Suites Three - Five, Harrisburg, PA 17101, (717-787-3483) by any aggrieved person pursuant to Section 1921-A of the Administrative Code of 1929, 71 P.S. Section 510-21; and the Administrative Agency Law, 2 Pa. C.S., Chapter 5A. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the regulations governing practice and procedure before the Board may be obtained from the Board. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

Should you have any questions about this matter, please contact me at (215) 270-1920.

Very truly yours,

THOMAS J. MCGINLEY
Chief, Engineering Services
Bureau of Air Quality Control
Norristown Regional Office

Re 30 (AQC)

ATTACHMENT

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ATG

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF AIR QUALITY CONTROL

PLAN APPROVAL

Application No.	<u>06-330-001A</u>	Source(s)	<u>Air Stripper</u>
Owner	<u>Borough of Bally</u>	Air	<u>.</u>
Address	<u>P.O. Box 187</u>	Cleaning	<u>.</u>
	<u>Bally, PA 19503</u>	Device	<u>.</u>
Attention	<u>Mr. Robert Moll</u>	Location	<u>Bally</u>
	<u>Municipal Authority Chairman</u>		<u>Berks County</u>
			<u>.</u>

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the rules and regulations of the Department of Environmental Resources, the Department on .02-13-89 approved plans for the modification of the above indicated air contamination source(s).

is PLAN APPROVAL expires 12/31/89.

The plan approved is subject to the following conditions:

- (1) The source is modified in accordance with the plans submitted to be with the application (as approved herein).

(SEE THE ATTACHED ADDITIONAL CONDITIONS)

Notify the person noted below when the installation is completed so that the source(s) can be inspected for issuance of an OPERATING PERMIT.

NOTE:

Roger A. Fitterling
(215) 378-4175
Bureau of Air Quality Control
1875 New Hope Street
Norristown, PA 19401
(215)270-1920

N. Rao Kona
N. RAO KONA
Regional Air Pollution Control Engineer

cc: Central Office
Regional Environmental Protection Director
Norristown Regional Office
Reading District Office

301078

AR301078

Plan Approval Conditions
Application No. 06-330-001A
Borough of Bally

Conditions (continued):

- (2) This Plan Approval is issued for the modification of the air stripper covered by Plan Approval No. 06-330-001 by adding an additional stripping tower.
- (3) The water flow rate shall not exceed 300 gpm to the stripping towers.
- (4) The air flow to each of the stripping towers shall be maintained at a minimum of 8,400 CFM.
- (5) The company shall sample the inlet water to the first tower and the outlet water to the second tower at least once per month.
- (6) Records required under this Plan Approval shall be kept for a period of two (2) years and shall be made available to the Department upon its request.
- (7) The company shall also submit the first three months sampling results to the Department.
- (8) Issuance of an operating permit for the aforementioned source(s) is contingent upon the source(s) being modified, maintained and operated as described in the application and supplemental materials submitted for plan approval and upon satisfactory demonstration that any air contaminants emitted from the source(s) are in compliance with the requirements specified in Chapter 127 of Article III of the Rules and Regulations of the Department of Environmental Resources as well as in compliance with the requirements specified in, or established pursuant to, any other applicable rule or regulation contained in Article III.
- (9) This plan approval shall also serve as a temporary operating permit in accordance with the provisions of Section 127.23 of Chapter 127 of the Rules and Regulations of the Department of Environmental Resources. This temporary operating permit is valid for a period of 120 days from completion of the air stripper to allow for startup and debugging, provided that notification of completion of the modification is given to the Department within five (5) working days of the completion date. Should a period longer than 120 days be needed a temporary operating permit renewal shall be obtained.

(AQPC)

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ATTACHMENT 2

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

INDUSTRIAL PERMIT NO. PA 0055123

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 et seq. (the "Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 et seq.,

Borough of Bally Municipal Authority
is authorized to discharge from a facility located at

Borough of Bally
Berks County

to receiving waters named

unnamed tributary of the West Branch Perkiomen Creek
in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B, and C hereof.

This permit and the authorization to discharge shall expire at midnight,
4/5/93.

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms or conditions of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
3. Application for renewal of this permit, or notification of intent to cease discharging by the expiration date, must be submitted to the Department at least 180 days prior to the above expiration date (unless permission has been granted by the Department for submission at a later date), using the appropriate NPDES permit application form. In the event that a timely and complete application for renewal has been submitted and the Department is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit will be automatically continued and will remain fully effective and enforceable pending the grant or denial of the application for permit renewal.
4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

PERMIT ISSUED

BY

Joseph A. Feola

DATE

4/5/88

AR301081

TITLE

Regional Water Quality Manager

1. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS, FOR DISCHARGE 002; LOCATED AT LATITUDE 40°24'00", LONGITUDE 75°35'32", WHICH RECEIVES WASTE FROM: groundwater remediation air stripping unit.

- A. The permittee is authorized to discharge during the period from issuance through expiration.
 B. Based on production data and anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply:

DISCHARGE PARAMETERS	DISCHARGE LIMITATIONS*				MONITORING REQUIREMENTS		
	MASS UNITS (lbs/day)		CONCENTRATIONS (mg/l)		MEASUREMENT FREQUENCY	SAMPLE TYPE	24 HOUR REPORT UNDER A.3.C
	AVERAGE MONTHLY	MAXIMUM DAILY	AVERAGE MONTHLY	MAXIMUM DAILY			
FLOW (MGD)					1/Week	Measured	
pH					1/Week	Grab	
CHLORODIBROMO- METHANE	Within Limits of 6 to 9 Standard Units at all times				1/Week	Grab	
CHLOROFORM **	Monitor Only				1/Week	Grab	
1,1-DICHLOROETHANE			0.002	0.004	1/Week	Grab	
1,2-DICHLOROETHANE	Monitor Only				1/Week	Grab	
1,1-DICHLORO- ETHYLENE **			0.00063	0.00126	1/Week	Grab	
METHYLENE CHLORIDE	Monitor Only				1/Week	Grab	
TETRACHLOROETHYLENE **			0.0014	0.0028	1/Week	Grab	

(NPDW) 500

AR301082

PART A

Page 2b of 14
PA 0055123

1. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS, FOR DISCHARGE 002; LOCATED AT LATITUDE 40°24'00", LONGITUDE 75°35'32", WHICH RECEIVES WASTE FROM: groundwater remediation air stripping unit.

DISCHARGE PARAMETERS	DISCHARGE LIMITATIONS*				MONITORING REQUIREMENTS		
	MASS UNITS (lbs/day)		CONCENTRATIONS (mg/l)		MEASUREMENT FREQUENCY	SAMPLE TYPE	24 HOUR REPORT UNDER A.3.C
	AVERAGE MONTHLY	MAXIMUM DAILY	AVERAGE MONTHLY	MAXIMUM DAILY			
1,1,1-TRICHLORO- ETHANE	Monitor Only				1/Month	Grab	
TRICHLOROETHYLENE					1/Week	Grab	
			0.033	0.066			

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outfall 002.

*Unless otherwise indicated, these are gross discharge limitations.

**See Other Requirement D

(NPDW).6

AR301083

2. Definitions

- a. The term "Bypass" means the intentional diversion of wastes from any portion of a treatment facility.
- b. The term "severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- c. The "average monthly" mass discharge means the total discharge by weight during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the average monthly mass discharge shall be determined by the summation of all the measured daily discharges by weight divided by the number of days during the calendar month when the measurements were made.
- d. The "maximum daily" mass discharge means the total discharge by weight during any calendar day.
- e. The "average monthly" concentration means the arithmetic average of all the daily determinations of concentration made during a calendar month.
- f. The "daily determination of concentration" means either the concentration of a composite sample taken during a calendar day or the arithmetic average of all grab samples taken during a calendar day.
- g. The "maximum daily" concentration means the daily determination of concentration for any calendar day.
- h. The "instantaneous maximum" concentration means the concentration not to be exceeded at any time in any grab sample.
- i. The term "Composite Sample" means a combination of individual samples obtained at regular intervals over a time period. Either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval (for constant volume samples) is proportional to the flow rates over the time period used to produce the composite. The maximum time period between individual samples shall not exceed two hours, except that for wastes of a uniform nature the samples may be collected on a frequency of at least twice per working shift and shall be equally-spaced over a 24-hour period (or over the operating day if flows are of a shorter duration).
- j. The term "Grab Sample" means an individual sample collected in less than 15 minutes.

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- k. The term "i-s" means immersion stabilization - in which a calibrated device is immersed in the effluent stream until the reading is stabilized.
- l. The "average monthly" temperature means the arithmetic mean of temperature measurement made on an hourly basis, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar month or during the operating month if flows are of a shorter duration.
- m. The "maximum daily" temperature means the highest arithmetic mean of the hourly temperatures observed for any two (2) consecutive hours during a 24-hour day, or during the operating day if flows are of a shorter duration.
- n. The term "Measured Flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.
- o. The term "At outfall XXX" means a sampling location in outfall line XXX downstream from the last point at which wastes are added to outfall line XXX, or otherwise specified.
- p. The term "Estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.
- q. The term "non-contact cooling water" shall mean water which is used in a cooling system designed so as to maintain constant separation of the cooling medium from all contact with process chemicals but which may on occasion, as a result of corrosion, cooling system leakage or similar cooling system failures contain small amounts of process chemicals: provided, that all reasonable measures have been taken to prevent, reduce, eliminate and control to the maximum extent feasible such contamination: and provided further, that all reasonable measures have been taken that will mitigate the effects of such contamination once it has occurred.

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3. SELF-MONITORING, REPORTING, AND RECORDS KEEPING

a. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

b. Reporting of Monitoring Results

- (1) Monitoring results obtained during each month shall be summarized for that month and reported on a Discharge Monitoring Report (DMR) Form postmarked no later than the 28th day of the following month. Duplicate signed copies of these and all other reports required herein, shall be submitted to the Department and the EPA Regional Office at the following addresses:

Department of Environmental Resources
Bureau of Water Quality Management
1875 New Hope Street
Norristown, Pennsylvania 19401

Program Management Section (3W)
Permits Enforcement Branch
Water Management Division
U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107

- (2) If the permittee monitors any pollutant, using analytical methods described in A.3.e. below, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR.

c. Non-Compliance Reporting

- (1) 24-Hour Reporting - The permittee shall orally report to the Department within 24-hours of becoming aware of the following:
- (a) Actual or anticipated non-compliance with any term or condition of this permit which may endanger health or the environment.
 - (b) Actual or anticipated non-compliance with any "maximum daily" discharge limitation which is identified in Part A.1 of this permit as being either:
 - (i) A toxic pollutant effluent standard established by EPA pursuant to Section 307(a) of the Clean Water Act,
 - (ii) For a toxic or hazardous pollutant which, if not adequately treated, could constitute a threat to human health, welfare, or the environment, or

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- (iii) Any pollutant identified as the method to control a toxic pollutant or hazardous substance (i.e. indicator pollutant).
 - (c) Any unanticipated bypass which exceeds any effluent limitations in the permit.
 - (d) Where the permittee orally reports this information within the above mentioned 24-hour time period, a written submission outlining the above information must be submitted to the Department within 5-days of becoming aware of such a condition, unless this requirement is waived by the Department upon receipt of the oral report.
- (2) Other Non-Compliance Reporting
- (a) The permittee shall give advance notice to the Department of any planned changes to the permitted activity or facility which may result in non-compliance with permit requirements.
 - (b) Where the permittee knows in advance of the need for a by-pass which will exceed effluent limitations, it shall submit prior notice to the Department at least 10 days, if possible, before the date of the bypass.
 - (c) The permittee shall report all instances of non-compliance which are not reported above at the time of DMR submission.
- (3) The reports and notifications required above shall contain the following information:
- (a) A description of the discharge and cause of non-compliance;
 - (b) The period of non-compliance, including exact dates and times and/or the anticipated time when the discharge will return to compliance; and
 - (c) Steps being taken to reduce, eliminate, and prevent recurrence of the non-complying discharge.
- d. Specific Toxic Substance Notification Levels - The permittee shall notify the Department as soon as it knows or has reason to believe the following:
- (1) That any activity has occurred, or will occur, which would result in the discharge of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels".
 - (a) One hundred micrograms per liter

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- (b) Two hundred micrograms per liter for acrolein and acrylonitrile
 - (c) Five hundred micrograms per liter for 2, 4-dinitrophenol and 2-methyl -4, 6-dinitrophenol
 - (d) One milligram per liter for antimony
 - (e) Five (5) times the maximum concentration value reported for that pollutant in the permit application
 - (f) Any other notification level established by the Department
- (2) That it has begun, or expects to begin, to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the permit application.

e. Test Procedures

Unless otherwise specified in this permit, the test procedures for the analysis of pollutants shall be those contained in 40 CFR Part 136, or alternate test procedures approved pursuant to that part.

f. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- (1) The exact place, date, and time of sampling or measurements;
- (2) The person(s) who performed the sampling or measurements;
- (3) The dates the analyses were performed;
- (4) The person(s) who performed the analyses;
- (5) The analytical techniques or methods used; and
- (6) The results of such analyses.

g. Records Retention

All records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for three (3) years. The three year period shall be extended as requested by the Department or the EPA Regional Administrator.

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AR301088

4. SCHEDULE OF COMPLIANCE

- a. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

b. Periodic Reports Required

No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit to the Department a written notice of compliance or non-compliance with the specific schedule requirement. In the case of non-compliance, the notice shall include the cause of non-compliance, any remedial actions taken, the estimated date when compliance with the elapsed date shall occur, and the probability of meeting the next scheduled requirement.

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AR301089

1. MANAGEMENT REQUIREMENTS

a. Permit Modification, Termination, or Revocation and Reissuance

- (1) This permit may be modified, terminated, or revoked and reissued during its term for any of the causes specified in 25 Pa. Code, Chapter 92.
- (2) The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated non-compliance, does not stay any permit condition.

(3) Toxic Pollutants

Notwithstanding the above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge, and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, then this permit shall be modified or revoked and reissued by the Department to conform with the toxic effluent standard or prohibition and the permittee so notified.

In the absence of a Departmental action to modify or to revoke and reissue this permit, any toxic effluent standard or prohibition established under Section 307(a) of the Act is considered to be effective and enforceable against the permittee.

b. Duty to Provide Information

- (1) The permittee shall furnish to the Department, within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
- (2) The permittee shall furnish to the Department, upon request, copies of records required to be kept by this permit.
- (3) Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information to the Department.
- (4) The permittee shall give advance notice to the Department of any planned physical alterations or additions to the permitted facility.

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AR301090

c. Facilities Operation

The permittee shall at all times maintain in good working order and properly operate all facilities and systems (and related appurtenances) for collection and treatment which are installed or used by the permittee for water pollution control and abatement to achieve compliance with the terms and conditions of the permit. Proper operation and maintenance includes but is not limited to effective performance based on designed facility removals, adequate funding, effective management, adequate operator staffing and training, and adequate laboratory and processing controls including appropriate quality assurance procedures. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with this permit.

d. Adverse Impact

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from non-compliance with this permit.

e. Bypassing

- (1) Bypassing not Exceeding Permit Limitations - The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if the bypass is for essential maintenance to assure efficient operation. This type of bypassing is not subject to the reporting and notification requirements of Part A.3.c above.
- (2) Other Bypassing - In all other situations bypassing is prohibited unless the following conditions are met:
 - (a) A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage";
 - (b) There are no feasible alternatives to a bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment down-time. (This condition is not satisfied if the permittee could have installed adequate backup equipment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance); and
 - (c) The permittee submitted the necessary reports required under Part A.3.c above.
- (3) The Department may approve an anticipated bypass, after considering its adverse effects, if the Department determines that it will meet the three conditions listed above.

AR301091

f. Reduction, Loss, or Failure of the Treatment Facilities

Upon reduction, loss, or failure of the treatment facilities, in order to maintain compliance with its permit, the permittee shall control production and all discharges until either the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost, or fails.

g. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from adversely affecting the environment.

2. RESPONSIBILITIES

a. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law and 25 Pa. Code, Chapter 92, the permittee shall allow the head of the Department, the EPA Regional Administrator, and/or their authorized representatives, upon the presentation of credentials, and other documents as may be required by law:

- (1) To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and
- (2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; to inspect any collection, treatment, pollution management, or discharge facilities required under the permit; and to sample any substances or parameters at any location.

b. Transfer of Ownership or Control

- (1) No permit may be transferred unless approved by the Department.
- (2) In the event of any pending change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the Department by letter of such pending change at least 30 days prior to the change in ownership or control.

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AR301092

f. Other Laws

Nothing herein contained shall be construed to be an intent on the part of the Department to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating industrial wastes and the practice of professional engineering, nor shall this permit be construed to sanction any act otherwise forbidden by federal or state law or regulation, or by local ordinance. Nor does it pre-empt any duty to obtain state or local assent required by law for the discharge(s).

g. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

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AR301093

PART C

OTHER REQUIREMENTS

- A. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.
- B. If the applicable standard or effluent guideline limitation relating to the application for Best Available Technology Economically Achievable (BAT) or to Best Conventional Technology (BCT) is developed by the Department, or by EPA for this type of industry, and if such standard or limitation is more stringent than the corresponding conditions of this permit (or if it controls pollutants not covered by this permit), then the Department reserves the right to modify, or to revoke and reissue the permit to conform with that standard or limitation.
- C. The permittee shall sample and monitor the influent to the air stripping unit in accordance with the methods used for the effluent discharge parameters Chlorodibromomethane; 1,1 Dichloroethane; 1,2 Dichloroethane; Methylene Chloride; Tetrachloroethylene; and 1,1,1-Trichloroethane as contained in Part A, Pages 2,3, and 4 of this permit. The data obtained shall be reported on the Monthly Discharge Monitoring Report as indicated thereon.
- D. Analysis for the following pollutant(s) shall be performed using the following test method(s) contained in the EPA publication entitled Methods for Chemical Analysis of Water and Wastes, or any approved test method(s) of equal or greater sensitivity.

<u>Parameter</u>	<u>Test Method</u>	<u>Method Detection Limit (mg/l)</u>
Chloroform	EPA Method 624-GC/MS	0.0016
1,1 Dichloroethylene	EPA Method 601-GC/Hal	0.00013
Tetrachloroethylene	EPA Method 601-GC/Hal	0.00003

(NPDW).3

801094

AR301094

NAME Borough of Ballymun Authority
ADDRESS P.O. Box 187
Bally, PA 19503

DISCHARGE NUMBER (2-16)

TORING REPORT (DMR)

Io. 2040-0004

Expires 2-29-84

PA-0055123
PERMIT NUMBER002
DISCHARGE NUMBER

MONITORING PERIOD			
YEAR	MO	DAY	TO

FROM
FACILITY Air Stripping Unit, Mun. Well No. 3
LOCATION Borough of Bally, Berks County

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(J Card Only) QUANTITY OR LOADING (34-61)		(K Card Only) QUANTITY OR CONCENTRATION (34-61)		NO. EX ANALYSIS (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (46-53)	AVERAGE (46-53)	MAXIMUM (46-53)			
FLOW	SAMPLE MEASUREMENT	MONTHLY	MONTHLY	MAXIMUM DAILY	UNITS		
	PERMIT REQUIREMENT	N/A Report	N/A Report				
	SAMPLE MEASUREMENT	MONTHLY	MONTHLY	MAXIMUM DAILY	UNITS		
pH	SAMPLE MEASUREMENT	---	Inst. Min. 6.0	---	STD.	1/WK.	MEAS.
	PERMIT REQUIREMENT	---					
	SAMPLE MEASUREMENT	---					
CHLORODIBROMOMETHANE	SAMPLE MEASUREMENT	---	N/A Report	N/A Report	MG/L	1/MO.	GRAB
	PERMIT REQUIREMENT	---					
	SAMPLE MEASUREMENT	---					
CHLOROFORM	SAMPLE MEASUREMENT	---	0.002	0.004	MG/L	1/WK.	GRAB
	PERMIT REQUIREMENT	---					
	SAMPLE MEASUREMENT	---					
1,1-DICHLOROETHANE	SAMPLE MEASUREMENT	---	N/A Report	N/A Report	MG/L	1/MO.	GRAB
	PERMIT REQUIREMENT	---					
	SAMPLE MEASUREMENT	---					
1,2-DICHLOROETHANE	SAMPLE MEASUREMENT	---	N/A Report	N/A Report	MG/L	1/MO.	GRAB
	PERMIT REQUIREMENT	---					
	SAMPLE MEASUREMENT	---					
1,1-DICHLOROETHYLENE	SAMPLE MEASUREMENT	---	0.00063	0.0013	MG/L	1/WK.	GRAB
	PERMIT REQUIREMENT	---					
	SAMPLE MEASUREMENT	---					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE	
			YEAR	MO

TYPED OR PRINTED
ID EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AR301095

Facility Name (Local Agent)

NAME Borough of Ballyman Authority
 ADDRESS P.O. Box 187
Bally, PA 19503

FACILITY Air Stripping Unit, Mun. Well No. 3
 LOCATION Borough of Bally, Berks County

DISCHARGE MONITORING REPORT (DMR)

(17-19)

PA-0055123
 PERMIT NUMBER

002
 DISCHARGE NUMBER

MONITORING PERIOD			
YEAR	MO	DAY	TO

FROM

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) (46-53)		QUANTITY OR LOADING (34-61)		UNITS	QUALITY OR CONCENTRATION (18-33)		NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE MONTHLY	MAXIMUM DAILY	AVERAGE MONTHLY	MAXIMUM DAILY		UNITS	MAXIMUM DAILY			
METHYLENECHLORIDE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
TRICHLOROETHYLENE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
(INFLUENT) CHLORODIBROMOMETHANE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
(INFLUENT) 1,1-DICHLOROETHANE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
(INFLUENT) 1,2-DICHLOROETHANE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1339. Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER

OFFICER OR AUTHORIZED AGENT

DATE

TELEPHONE

AREA CODE

NUMBER

YEAR

MO

DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AR301096

Facility Name (If different)

NAME Borough of Bally Mun. Authority
ADDRESS P.O. Box 187
Bally, PA 19503

DISCHARGE (2-19)
MONITORING REPORT (DMR)

PA 0055123
PERMIT NUMBER

002
DISCHARGE NUMBER

MONITORING PERIOD
YEAR MO DAY TO YEAR MO DAY
FROM

FACILITY Air Stripping Unit, Mun. Well No. 3
LOCATION Borough of Bally, Berks County

NOTE: Read instructions before completing this form.

PARAMETER (2-37)	X	(3 Card Only) QUANTITY OR LOADING		(3 Card Only) QUANTITY OR CONCENTRATION		NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-48) MONTHLY	MAXIMUM (49-51) DAILY	AVERAGE (56-58) MONTHLY	MAXIMUM (59-61) DAILY			
(INFLUENT) METHYLENECHLORIDE	SAMPLE MEASUREMENT			N/A REPORT	N/A REPORT			
	PERMIT REQUIREMENT							
(INFLUENT) TETRACHLOROETHYLENE	SAMPLE MEASUREMENT			N/A REPORT	N/A REPORT			
	PERMIT REQUIREMENT							
(INFLUENT) 1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT			N/A REPORT	N/A REPORT			
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE	
			YEAR	MO

1. I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 18 U.S.C. § 1319. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 5 years.

1. TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AR301097